

1 ATGAGCTCTAGAGCAGGGAGAGCCGCTCATGGCATCCGGAGCTGTAACCACAGCTCAGAAAGAA
 M S F L E Q G E S R S W P S R A V T T S S E R
 30
 AcC
 T
 71 GCCATGGGACAGGGGaaCAAGGCCTCTAGATGGACAAGGCAGGAGGTGAGAGGAAGGGGGCCTCC
 S H G D Q G N K A S R W T R Q E D V E E G G P P
 52
 aGT
 S
 141 GGGCCCGAGGGAAgGTCCCAGTCCAGGCCAGTGTGAGTCACCCGGCAGGAGGCACATTTCCCAAG
 G P R E G P Q S R P V V A E S T Q G Q E A T F P K
 211 GCCAACACCTTGGCCAAAGCCGCTCCCTGGCCAGGGTGGACACCCCAACAGAGGGGACATCC
 A T P T L A Q A A P L A E V D N P P T E R D I L
 281 CCTCTGACTGTGCGACCTCGACCTCGACTCCAAACAGACCATCTGGATCTGGCATAGGTCTCGAC
 P S D C A C A S A C D S N T D H D L G I E F S A
 351 CTCGGCGCTGGGGGATGACCTGGCTGGCTGTGAGAAGGAGAACGGCAGCCCGTGCCACATCCCAGGGTG
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 421 CTGTTACCCAGGCTGGCTGGGGATGATGAGCTGAGACAGGGGGGCCAGGTCTACATGCACTTCATGC
 L L P R L G W D D E L Q K P G A Q V Y V M H F M
 491 AGGAGCACCATCTGGCATAGCTGGCATGGGACACGCTCAACATGGTACATTCGGACACCATGCTGGAGAT
 Q E H T C Y D A M A T S S K L V I F D T M L E I
 19200
 aTCGA
 I Q
 561 CAAGAAGGCCCTTGGCCCTGGCCACGGCtCAGGGCACCTTGTGGACAGCAAGAARGAG
 K K A F F P L V A N G G V R A A P L W D S K K Q
 631 AGCTTCGAGGATGCTGACCATCAGACATCTCTGGCTGCGACCGCTTACAGGCTCCCGCTTG
 S F V G M L T I T D F I L V L H R Y Y R S P L
 701 TCCAGATCTAGAGATTGAGAACATAAGGATGAGACCTGGAGGGAGATCTACCTTCAGGCTCTCAA
 V Q I Y E I E H K I E T W R E I Y L Q G C F K
 771 GCTCTGGCTCTCCATCTCCCAAGCAGCTTCTGGAGCTTCTACAGGCTTCTACAGAACCGGATC
 P L V S I S P N D S L F E A V Y A L I K N R I
 841 CACCGCTGGCGGCTCTGGACCCCTGTCTCCGGGCTGTGCTCACATCTCACATAAGGGCTCTCA
 H R L P L D P V S G A V L H I L T H K R L L
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 K F L H I F T L L P R P S F L Y R T I Q D L G
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 I G T F R D L A V V L E T A P I L T A L D I F
 051 GTGGACCCGGCTGTCTGGCTGGCTGAGCTGGAGACAGTGGAGCTAGTGGGGCTCTACTGGCT
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 F D V H I L L A Q Q T Y N H L D M N V G E A L R
 1191 GCAGCGGACACTGTGCTGGAGGGCTCTTCTGGCCAGCCCGCAGACCTGGGGAGATCTGAC
 Q R T L C L E G V S C Q P F H E T L G E V I D
 1261 CGGATTGCTGGGGAAACAGGGTACACCCCTGGTCTGGTGGAGACAGGCTGGGGCTGAGTGGT
 R I V R E Q V H R L V L V D E T Q H L L G V V
 1331 CCCTCTGGCATCTCCATGGCTCTGGCTGCTGGCTGGACCTGGAGACCTGGAGATCTGGGGCTGAGAAC
 S L S D I L Q A V L L S P A G I D A L G A *
 1401 TGGAGACCTTCTGGCTCCAGGCTGGACCTGGCAACCTGGAGACCTGGAGAAGGGACCTGGACTCTGGCT
 1471 ACTCTCCCTGGCTCCAGGCTGGCTGGCTCTGGCTCTGGCTGGAGCTGGAGCTGGGGCCCTGGCTGGCT
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 1881 CCTGGAGGAAGGAGCAGTAACTAACCTGGTGTGGAGATTTGGAGAGTGG

Fig. 1

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AGGAGGATATAGAGGAAGGGGGCCCTCGGGCCAGGGAAARGTGAGITC
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ATGCAGCC

Fig.2B

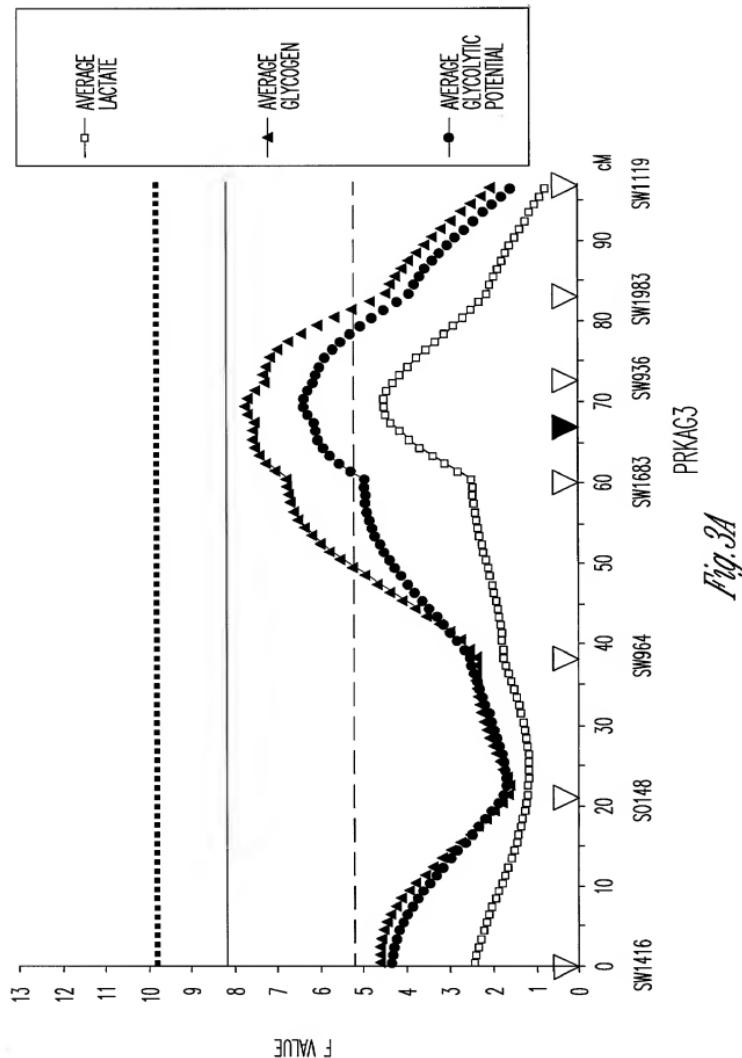


Fig 3A

20056610 220056610

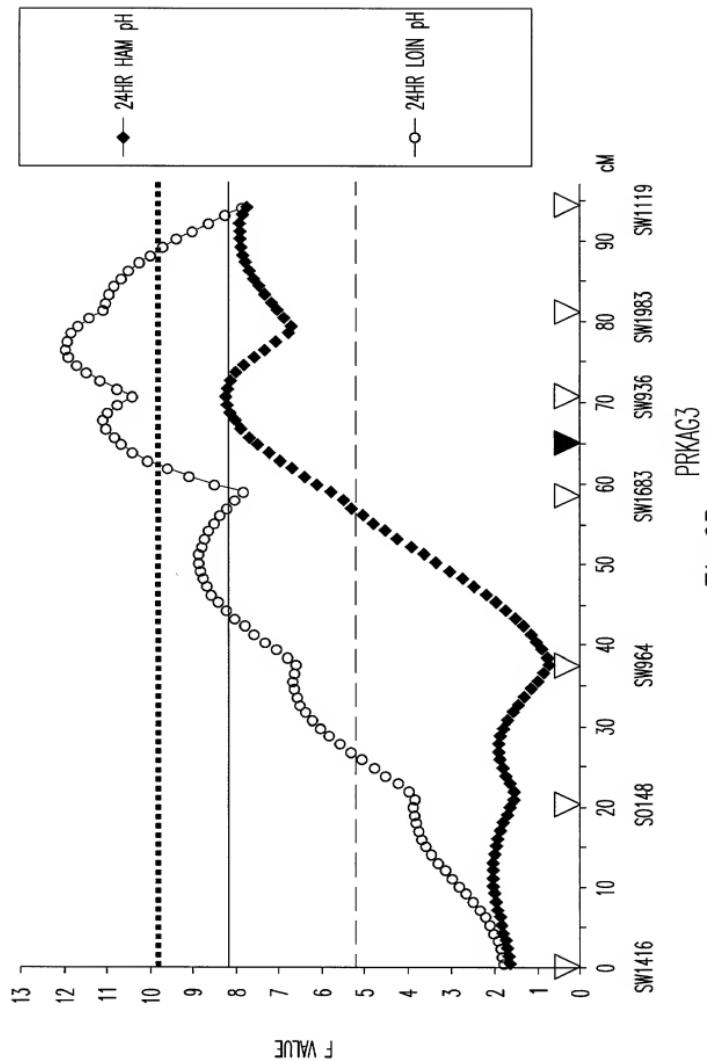


Fig. 3B

899588213 * 0991003

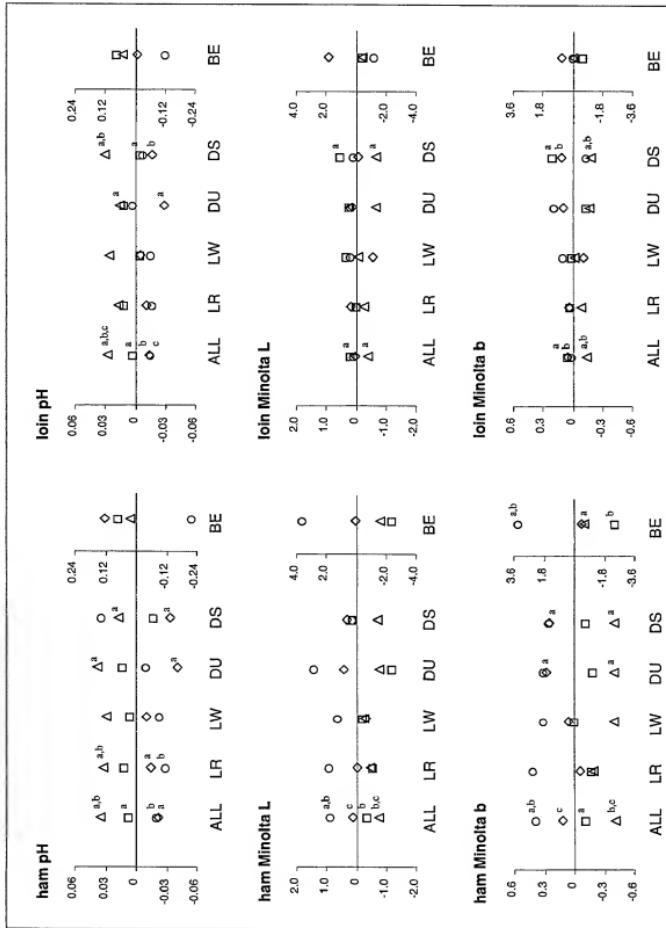


Fig. 4